

## REMARKS

Applicants have amended claims

Claims have been amended to more particularly define the present invention. Specifically, the claims now more particularly define the amino acid/nucleic acid structure/function relationship. Claims 32, 33, 38 – 40, 43, 44, and 53 have been cancelled. Support for these amendments can be found throughout the specification.

The objections to claims 28 – 37, 39 – 42 and 49 – 55 have been obviated by the amendment to the claims.

*Claims 60 – 62 stand rejected under 35 U.S.C § 112, first paragraph as failing to comply with the written description requirement.*

Applicants respectfully submit that the amendments to claims 60 – 62 have obviated this rejection which should therefore be withdrawn.

*Claims 23 – 35, 37, 39 and 41 – 64 stand rejected under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim subject matter which the applicant regards as the invention.*

Applicants respectfully submit that the amendments to the claims have obviated this rejection which should therefore be withdrawn.

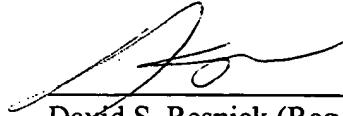
In the event that there are any questions relating to this Amendment or to the application in general, it is kindly requested that the Examiner contact the undersigned attorney concerning the same to expedite prosecution of this application.

Applicants believe no fees are currently due. In the event a fee is due in connection with this submission, the Commissioner is herewith authorized to charge Nixon Peabody LLP Deposit Account No. 50-0850.

Entry of the foregoing amendment and prompt and favorable consideration of the application is respectfully requested.

Date: 4/21, 2005

Respectfully submitted,



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